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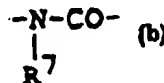
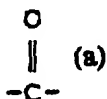
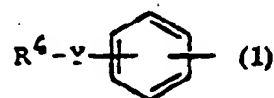
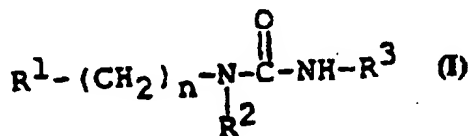
## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: UREA DERIVATIVES AND THEIR USE AS ACAT-INHIBITORS

## (57) Abstract

Urea derivatives of formula (I), wherein R<sup>1</sup> is a group of formula (1) (in which R<sup>4</sup> is aryl which may have suitable substituent(s), or heterocyclic group which may have suitable substituent(s), and Y is bond, lower alkylene, -S-, -O-, (a), -CH-, -CONH-, (b), (in which R<sup>7</sup> is lower alkyl), -NHSO<sub>2</sub>-, -SO<sub>2</sub>NH-, -SO<sub>2</sub>NHCO- or -CONHSO<sub>2</sub>-); or thiazolyl, imidazolyl, pyrazolyl, pyridyl, thienyl, furyl, isoxazolyl or chromanyl, each of which may have suitable substituent(s); R<sup>2</sup> is lower alkyl, lower alkoxy(lower)alkyl, cycloalkyl, ar(lower)alkyl which may have suitable substituent(s), heterocyclic group or heterocyclic(lower)alkyl, R<sup>3</sup> is aryl which may have suitable substituent(s) or heterocyclic group which may have suitable substituent(s), and n is 0 or 1, and a pharmaceutically acceptable salt thereof which are useful as a medicament in the treatment of hypercholesterolemia, hyperlipidemia and atherosclerosis.



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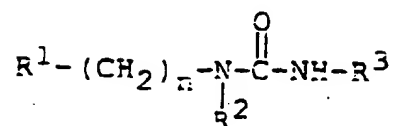
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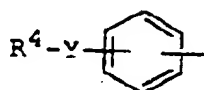
## C L A I M S

1. A compound of the formula :



wherein

$R^1$  is a group of the formula :



(in which

$R^4$  is aryl which may have suitable substituent(s), or heterocyclic group which may have suitable substituent(s), and

Y is bond, lower alkylene, -S-, -O-,  $\overset{C}{\parallel}$ -C-,  
 =CH-, -CONH-, -N-CO-, (in which  $R^7$  is lower alkyl),  
 $\underset{|}{R^7}$   
 -NHSO<sub>2</sub>-, -SO<sub>2</sub>NH-, -SO<sub>2</sub>NHCO- or -CONHSO<sub>2</sub>-);  
 or

thiazolyl, imidazolyl, pyrazolyl, pyridyl, thienyl, furyl, isoxazolyl or chromanyl, each of which may have suitable substituent(s);

$R^2$  is lower alkyl, lower alkoxy(lower)alkyl, cycloalkyl, ar(lower)alkyl which may have suitable substituent(s), heterocyclic group or heterocyclic(lower)alkyl,

$R^3$  is aryl which may have suitable substituent(s) or heterocyclic group which may have suitable

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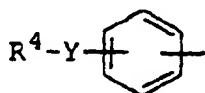
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substituent(s), and  
n is 0 or 1,  
and a pharmaceutically acceptable salt thereof.

2. A compound of claim 1, wherein  
R<sup>1</sup> is a group of the formula :



(in which

R<sup>4</sup> is phenyl which may have 1 to 3 substituent(s)  
selected from the group consisting of  
halogen, lower alkyl, di(lower)alkylamino,  
protected amino, cyano, heterocyclic group  
which may have mono(or di or tri)-  
ar(lower)alkyl, hydroxy, protected hydroxy  
and mono(or di or tri)halo(lower)alkyl;  
or thienyl, pyrazolyl, imidazolyl,  
triazolyl, pyridyl, pyrrolyl, tetrazolyl,  
oxazolyl, thiazolyl, oxadiazolyl,  
piperazinyl, thiazolidinyl or  
methylenedioxyphenyl, each of which may have  
1 to 3 substituent(s) selected from the  
group consisting of lower alkyl, mono(or di  
or tri)ar(lower)alkyl and oxo;

Y is bond, lower alkylene, -S-, -O-,  $\begin{array}{c} \text{O} \\ \parallel \\ -\text{C}- \end{array}$ , =CH-,  
-CONH-,  $\begin{array}{c} \text{R}^7 \\ | \\ -\text{N}-\text{CO}- \end{array}$  (in which R<sup>7</sup> is lower alkyl),  
-NHCO-, -SO<sub>2</sub>NH-, -SO<sub>2</sub>NHCO- or -CONHSO<sub>2</sub>-);  
or  
thiazolyl, imidazolyl, pyrazolyl, pyridyl,

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